

CSE 291

Information-Centric Networking

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Class Work Plan & Grading Scheme

- [10%] Active participation in class
 - ◆ this will require reading papers in advance
 - ◆ including attendance...
- [20%] Presentations of papers in class
 - ◆ ... and directing the discussion (with the help of the instructor)
 - ◆ including slides...
- [20%] Brief written review of one of the areas covered
 - ◆ summarizing the state-of-the-art or current research (or other similar paper)
- [50%] A term project
 - ◆ broadly related to the class, to be proposed by students (with ideas and suggestions provided by the instructor) and accepted by the instructor
 - ◆ {5%} project proposal [due: Wed. Jan. 16]
 - ◆ {5%} project progress report [due: Wed. Feb. 13]
 - ◆ {40%} project final report [due: Wed. Feb. 13]

Tentative Plan

week	2-3:20 pm		2-3:20pm	
1	M 01/07	no class	W 01/09	~ course, intro
2	M 01/14		W 01/16	due: project proposal
3	M 01/21		W 01/23	
4	M 01/28		W 01/30	due?: review paper topic
5	M 02/04		W 02/06	
6	M 02/11		W 02/13	due: project progress rep.
7	M 02/18		W 02/21	
8	M 02/25		W 02/27	due?: review paper
9	M 03/04		W 03/06	
10	M 03/11		W 03/13	due: project final report

- Office Hours: M, W: 1-2pm (and a few minutes after class)

Internet Evolution

Mon 1/14

- David D. Clark: **The Design Philosophy of the DARPA Internet Protocols**, ACM CCR, Vol. 18, No. 4, August 1988.
- David D. Clark, John Wroclawski, Karen R. Sollins and Robert Braden: **Tussle in cyberspace**, ACM SIGCOMM 2002.

Wed 1/16

- Mark Handley: **Why the Internet only just works**, BT Technology Journal, Vol. 24, No. 3, July 2006.
- Marjory S. Blumenthal and David D. Clark: **Rethinking the Design of the Internet: The End-to-End Arguments vs. the Brave New World**, ACM Transactions on Internet Technology, Vol. 1, No. 1, August 2001.

Clean-Slate

Mon 1/14

- Van Jacobson: **If a Clean Slate is the solution what was the problem?** Stanford 'Clean Slate' Seminar, February 27, 2006.
- Jennifer Rexford, Constantine Dovrolis: **Future Internet architecture: clean-slate versus evolutionary research**, Communications of the ACM, Vol. 53, No. 9, September 2010.